



Full Species List of Mammals

Shenandoah National Park is home to 57 mammal species. Most park visitors will see some mammals, such as white-tailed deer (*Odocoileus virginianus*) and gray squirrels (*Sciurus carolinensis*). Others, like the big brown bat (*Eptesicus fuscus*) and striped and spotted skunks (*Mephitis mephitis*, *Spilogale putorius*), are more elusive and remain largely out of sight until darkness falls. Black bears (*Ursus americanus*) and bobcats (*Lynx rufus*) are sometimes active during the day, but often remain hidden deep in the forest. The smallest mammals found in the park (moles, voles, and shrews) are rarely seen because they spend much of their lives underground or hidden under leaves and low-growing plants.

Threats to mammals include habitat destruction, land use changes, and motor vehicle activity. Other threats exist that are specific to particular species. Chronic Wasting Disease (CWD) is a contagious disease of the nervous system that affects white-tailed deer and is generally fatal. Bat populations are in decline because of a fungal pathogen that causes white-nose syndrome (WNS).

One of the most popular activities in Shenandoah National Park is viewing and photographing wildlife. The excitement of seeing an animal sometimes triggers visitor behaviors that are unhealthy for the wildlife, and that pose serious risks to the public. Maintain a distance of at least 200 feet when viewing wildlife, and make sure that food and garbage are stored or disposed of properly. If pausing to view wildlife along Skyline Drive, please pull your car completely off of the paved surface.

This checklist was compiled on March 10, 2015 using data exported from the National Park Service NPSpecies database. The database can be accessed at <https://irma.nps.gov/NPSpecies/>. Here you will find search tools that make it possible to create updated or customized lists. This checklist and others are found at <https://irma.nps.gov/NPSpecies/Search/SpeciesList/SHEN>. Please be advised that Latin scientific names often change as a result of new research; therefore, scientific names used here may not reflect the most current accepted nomenclature.



Ursus americanus



Sylvilagus floridanus



Vulpes vulpes



Odocoileus virginianus



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Bookmark this report: [https://irma.nps.gov/NPSpecies/Reports/Park/Species List/SHEN?](https://irma.nps.gov/NPSpecies/Reports/Park/Species%20List/SHEN?UnitCode=SHEN&CategoryCode=1&SortOrder=Sci&ShowSynonyms=False&ShowInReview=False)
UnitCode=SHEN&CategoryCode=1&SortOrder=Sci&ShowSynonyms=False&ShowInReview=False

This report is filtered by the following Taxonomic Categories: Mammals

Scientific Name	Common Names	Occ	Abd	Nat	NPS Tags	Park Tags	GRank	SRank
<u>Mammals</u>								
<i>Blarina brevicauda</i>	Northern Short-tailed Shrew	P	U	N	B	PW	G5	VA: S5
<i>Canis latrans</i>	Coyote	P	Uc	U	EC, MP; B	PW	G5	VA: S5
<i>Castor canadensis</i>	Beaver	P	R	N	B	WL	G5	VA: S5
<i>Clethrionomys gapperi</i>	Southern Red-backed Vole	P	U	N	B	MF, WL		
<i>Condylura cristata</i>	Star-nosed Mole	P	U	N	B	WL	G5	VA: S4
<i>Cryptotis parva</i>	Least Shrew	P	Uc	N	B	ME, WL	G5	VA: S5
<i>Didelphis virginiana</i>	Virginia Opossum	P	C	N	B	PW	G5	VA: S5
<i>Eptesicus fuscus</i>	Big Brown Bat	P	C	N	MP; B	CU, MF, XF	G5	VA: S5
<i>Glaucomys volans</i>	Southern Flying Squirrel	P	Uc	N	MP; B	MF	G5	VA: S5
<i>Lasionycteris noctivagans</i>	Silver-haired Bat	P	U	N		MF, XF	G5	VA: SUB,S4N
<i>Lasiurus borealis</i>	Red Bat, eastern red bat	P	U	N		CU, MF	G5	VA: S4
<i>Lasiurus cinereus</i>	Hoary Bat	P	U	N	S	CU, MF, XF	G5	VA: SUB,S3N
<i>Lontra canadensis</i>	River Otter	P	R	N		WL	G5	VA: S4
<i>Lynx rufus</i>	Bobcat	P	Uc	N	MP; B	PW	G5	VA: S4
<i>Marmota monax</i>	Woodchuck	P	C	N	B	ME, WL	G5	VA: S5
<i>Martes pennanti</i>	Fisher	P	R	N		MF, XF		
<i>Mephitis mephitis</i>	Striped Skunk	P	C	N	MP; B	PW	G5	VA: S5
<i>Microtus pennsylvanicus</i>	Meadow Vole	P	C	N	B	CU, ME, WL	G5	VA: S5
<i>Microtus pinetorum</i>	Woodland Vole, pine vole	P	U	N	B	PW	G5	VA: S5
<i>Mus musculus</i>	House Mouse	P	Uc	Nn	MP; B	CU, ME	G5	VA: SNA
<i>Mustela frenata</i>	Long-tailed Weasel	P	Uc	N	B	PW	G5	VA: S5
<i>Mustela nivalis</i>	Least Weasel	P	R	N		PW	G5	VA: S3
<i>Myotis leibii</i>	Small-footed Myotis, Eastern Small-footed Myotis	P	R	N		MF, RO	G1G3	VA: S2



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Scientific Name	Common Names	Occ	Abd	Nat	NPS Tags	Park Tags	GRank	SRank
<i>Myotis lucifugus</i>	Little Brown Bat	P	C	N	B	CU, MF, XF	G3	VA: S3
<i>Myotis septentrionalis</i>	Northern Long-eared Bat	P	Uc	N	B	CU, MF, XF	G2G3	VA: S3
<i>Myotis sodalis</i>	Indiana Bat	P	U	N		MF, XF	G2	VA: S1
<i>Napaeozapus insignis</i>	Woodland Jumping Mouse	P	U	N	B	MF	G5	VA: S5
<i>Neotoma magister</i>	Allegheny woodrat, Appalachian woodrat	P	Uc	N	MP; B	MF, RO, XF	G3G4	VA: S3
<i>Neovison vison</i>	American Mink	P	Uc	N	B	WL	G5	VA: S5
<i>Odocoileus virginianus</i>	White-tailed Deer	P	A	N	EC, MP; B	PW	G5	VA: S5
<i>Ondatra zibethicus</i>	Muskrat	P	U	N	B	WL	G5	VA: S5
<i>Parascalops breweri</i>	Hairy-tailed Mole	P	U	N	B	ME, MF	G5	VA: S5
<i>Perimyotis subflavus</i>	Eastern Pipistrelle	P	R	N		PW	G3	VA: S3
<i>Peromyscus leucopus</i>	White-footed Mouse	P	C	N	MP; B	PW	G5	VA: S5
<i>Peromyscus maniculatus</i>	Deer Mouse	P	C	N	MP; B	PW	G5	VA: S5
<i>Procyon lotor</i>	Raccoon	P	C	N	B	PW	G5	VA: S5
<i>Rattus norvegicus</i>	Norway Rat	P	R	Nn	MP; B	PW	G5	VA: SNA
<i>Rattus rattus</i>	Black Rat	P	R	Nn	MP; B	CU	G5	VA: SNA
<i>Reithrodontomys humulis</i>	Harvest Mouse	PP		N		ME, WL	G5	VA: S5
<i>Scalopus aquaticus</i>	Eastern Mole	P	Uc	N	B	CU, ME, MF	G5	VA: S5
<i>Sciurus carolinensis</i>	Gray Squirrel, northern gray squirrel	P	A	N	MP; B	CU, MF, XF	G5	VA: S5
<i>Sciurus niger</i>	Fox Squirrel	P	R	N	B	CU, MF, XF	G5	VA: S4
<i>Sorex cinereus</i>	Masked Shrew	P	U	N	B	ME, MF, WL	G5	VA: S5
<i>Sorex dispar</i>	long-tailed shrew	PP		N	B	MF, RO	G4	VA: S3
<i>Sorex fumeus</i>	Smoky Shrew	P	U	N	B	MF	G5	VA: S5
<i>Sorex hoyi</i>	Pygmy Shrew	P	U	N	B	PW	G5	VA: S4
<i>Sorex longirostris</i>	Southeastern Shrew	P	U	N	B	CU, ME, MF, WL	G5	VA: S5
<i>Sorex palustris</i>	Water Shrew	P	U	N	B	WL	G5	VA: S1
<i>Spilogale putorius</i>	Spotted Skunk	P	Uc	N	MP; B	PW	G4	VA: S3S4
<i>Sylvilagus floridanus</i>	Eastern Cottontail	P	C	N	B	PW	G5	VA: S5
<i>Sylvilagus obscurus</i>	Appalachian Cottontail	P	U	N		MF	G4	VA: S4?
<i>Tamias striatus</i>	Eastern Chipmunk	P	A	N	B	MF, XF	G5	VA: S5
<i>Tamiasciurus hudsonicus</i>	Red Squirrel	P	R	N	B	MF, XF	G5	VA: S5
<i>Urocyon cinereoargenteus</i>	Gray Fox	P	Uc	N	B	PW	G5	VA: S5



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Scientific Name	Common Names	Occ	Abd	Nat	NPS Tags	Park Tags	GRank	SRank
<i>Ursus americanus</i>	Black Bear	P	C	N	EC, MP; B	PW	G5	VA: S4
<i>Vulpes vulpes</i>	Red Fox	P	Uc	N	B	PW	G5	VA: S5
<i>Zapus hudsonius</i>	Meadow Jumping Mouse	P	U	N	B	CU, ME, WL	G5	VA: S5
Report Species Count: 57								

NPSpecies - The National Park Service biodiversity database. IRMA Portal version. <https://irma.nps.gov/npspecies/>. Accessed 6/23/2015 2:17:34 PM

Key

	Code	Term	Definition
Occurrence (Occ)	P	Present	Species occurs in park; current, reliable evidence available.
	PP	Probably Present	High confidence species occurs in park but current, verified evidence needed.
	Un	Unconfirmed	Species is attributed to park but evidence is weak or absent.
	NP	Not In Park	Species is not known to occur in park.
Occurrence Tags	A	Adjacent	Species is known to occur in areas near to or contiguous with park boundaries.
	FR	False Report	Species was reported to occur within the park, but current evidence indicates the report was based on misidentification, a taxonomic concept no longer accepted, or other similar problem of error or interpretation.
	H	Historical	Species' historical occurrence in park is documented. Assigned based on judgment as opposed to determination based on age of the most recent evidence.
Abundance (Abd)	A	Abundant	Animals: May be seen daily, in suitable habitat and season, and counted in relatively large numbers. Plants, Chromista, Protozoa, and Fungi: Large number of individuals; wide ecological amplitude or occurring in habitats covering a large portion of the park
	C	Common	Animals: May be seen daily, in suitable habitat and season, but not in large numbers. Plants, Chromista, Protozoa, and Fungi: Large numbers of individuals predictably occurring in commonly encountered habitats but not those covering a large portion of the park
	Uc	Uncommon	Animals: Likely to be seen monthly in appropriate habitat and season. May be locally common. Plants, Chromista, Protozoa, and Fungi: Few to moderate numbers of individuals; occurring either sporadically in commonly encountered habitats or in uncommon habitats
	R	Rare	Animals: Present, but usually seen only a few times each year. Plants, Chromista, Protozoa, and Fungi: Few individuals, usually restricted to small areas of rare habitat
	O	Occasional	Animals: Occurs in the park at least once every few years, varying in numbers, but not necessarily every year. Plants, Chromista, Protozoa, and Fungi: Abundance variable from year to year (e.g., desert plants)



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Abundance (Abd)	U	Unknown	Abundance unknown
Nativeness (Nat)	N	Native	Species naturally occurring in park or region.
	Nn	Non-native	Species occurring on park lands as a result of deliberate or accidental human activities.
	U	Unknown	Nativeness status is unknown or ambiguous.
Nativeness Tags	R	Restoration	Also refers to reintroductions. Native species that has been extirpated or substantially diminished from the park as a result of human-induced change, and that has been or is in the process of being restored.
	C	Cultivated	Species has been introduced or is maintained as part of the park's mission, significance, or cultural landscape (e.g., orchards, crops, fields)
	I	Invasive	Non-native species whose introduction is likely to cause economic or environmental harm.
	N	Noxious	Designation by a governmental authority. Species grows aggressively and has broad environmental tolerance that allows it to establish in many locations.
Management Tags	EC	Exploitation Concern	Species is considered a target for collection, poaching, commercial harvesting, or other non-permitted or exploitative activities.
	MP	Management Priority	Species warrants particular management attention as determined by park management staff.
Seasonality Tags	B	Breeder	Population reproduces in the park.
	R	Resident	A significant population is maintained in the park but does not breed within park boundaries.
	M	Migratory	Species occurs in the park only while in transition between breeding and wintering grounds.
	S	Summer	Typically spending only summer months in the park.
	W	Winter	Typically spending only winter months in the park.
	V	Vagrant	Park is outside of species' usual range.

ParkTags	Code	Term	Definition
Vegetation Life Form	Form		
	Tr	Tree	Tree
	Sh	Shrub	Shrub
	Vi	Vine	Vine
	He	Herb	Herb
	Gr	Graminoid	Graminoid (grass)
	Fe	Fern	Fern
	Ly	Lycopod	Lycopod
Habitat	Hab		
	AQ	Aquatic	Within rivers, streams and ponds
	CU	Cultural	Planted by humans, either by pre-park residents or park employees/contractors
	FE	Forest Edge	Forest borders and field margins



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Habitat	ME	Meadow	Meadows, fields, lawns, forest clearings, and ruderal habitats
	MF	Mesic forest	Mesic and dry-mesic forests; represents a majority of park's forested area
	RO	Rock outcrop	Exposed and shaded outcrops, boulder fields, talus slopes, and rocky barrens
	SS	Shrub/Scrub	Second growth forest and habitats dominated by shrubs
	WL	Wetland	Riparian areas, seeps, springs, fens, swamps, and wetland hummocks
	XF	Xeric forest	Dry forests, including heath woodlands and shrublands
	PW	Park wide	Park wide
Seasons when the species is most easily encountered.	Seas		
	Sp	Spring	Spring (Mar, Apr, May)
	Su	Summer	Summer (Jun, Jul, Aug)
	Fa	Fall	Fall (Sept, Oct)
	Wi	Winter	Winter (Nov, Dec, Jan, Feb)
	All	All Year	All Year Round

GRank and SRank information is provided by NatureServe (www.natureserve.org) and its network of natural heritage member programs, a leading source of information about rare and endangered species, and threatened ecosystems.